

TERMINAL BOXES

EExe and Weatherproof

GHG 74 Range



Introduction

This range of EExe enclosures offers a range of enclosure sizes, terminals and cable entries.

Available in 316 sheet stainless steel and in GRP, these enclosures offer a variety of sizes which will suit most applications.

Enclosures may also be coupled together to form large control panels. The enclosures are suitable for use onshore or offshore where light weight combined with a high level of corrosion resistance is required.

- ★ Zones 1,2 and safe area.
- ★ EExe IIC T6.
- ★ ATEX approved Ex II 2GD.
- ★ UL Listed for USA & Canada.
 - Class I, Div 2, Groups A, B, C, D.
 - Class I, Zone 1, Groups A, B, C, D.
 - Class II, Div 1, Groups E, F, G.
 - AExde IIC T4, T6.
- ★ PTB Certified.
- ★ IP66.
- ★ Certified Temperature -55°C to +55°C.
- ★ Impact resistant GRP or 316 stainless steel.
- ★ Retained stainless steel cover screws.
- ★ Variety of terminals.
- ★ Variety of enclosures.

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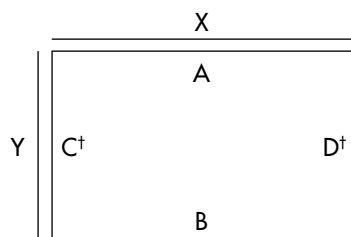
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6DSUS125/A

Specification

Enclosure Sizes (mm) & Weights (kg):



Box Type	Dimensions (mm)			Weight (kg) (empty)	Fixing Cent. X	Fixing Cent. Y
	X	Y	Depth*			
744 01	271	134	136	1.5	110	247
745 02	271	271	136	2.5	247	247
746 03	544	271	136	4.2	247	520
749 04	817	271	136	5.8	247	793
744 21	175	312.5	151	3.5	225	247
745 22	312.5	312.5	151	7.5	362.5	247
746 23	627	312.5	151	11.5	362.5	561.5
749 24	941.5	312.5	151	16.5	362.5	876

Note: * Depth of box only. Excludes depth of actuators or other fittings.
Fixing screw dim. Ø 7 x 11mm.

Material:	GRP (74...01/02/03 Range) or 316 Stainless Steel (74...21/22/23/24 Range).
Certification:	CENELEC EN50014, 18, 19, 20, 28. EExed IIC T6. Certificate No. PTB 99 ATEX 1044. The GHG 74 ranges are certified for gas and dust atmospheres (ATEX Ex II 2GD). UL/cUL Listed. Class I, Div 2, Groups A, B, C, D. Class I, Zones 1 & 2 AExde IIB+H2 T6. Class II, Div 1, Groups E, F, G (cUL)
Ambient Temperature:	-55°C to +55°C.
Ingress Protection:	IP66.
Finish:	Natural finish.

Maximum number of terminals per enclosure:

Terminal Cross Section (mm²)	Enclosure Type			
	744	745	746	749
2.5mm²	40	41 x 2	94 x 2	148 x 2
4.0mm²	33	34 x 2	78 x 2	124 x 2
6.0mm²	25	26 x 2	59 x 2	94 x 2
10mm²	20	20 x 2	47 x 2	75 x 2
16mm²	17	17	40	63
25mm²	17	17	40	63
35mm²	—	14	32	51
Terminal Rail	1 x 230mm	2 x 235mm	2 x 510mm	2 x 795mm

Earth/Gland Continuity: Earth continuity via earth terminal. Gland continuity via brass plate (for GRP enclosures).

Maximum number of cable entries per enclosure. Note: Enclosures supplied with clearance holes suitable for required cable glands.

Cable Entry	Enclosure Type							
	744 01 A&B	745 02 A&B	746 03 A&B	749 04 A&B	744 21 A&B	745 22 A&B	746 23 A&B	749 24 A&B
M20	26	26	52	78	23	23	46	69
M25	18	18	36	54	15	15	30	45
M32	10	10	20	30	9	9	18	27
M40	7	7	14	21	5	5	10	15
M50	4	4	8	12	3	3	6	9
M63	3	3	6	9	2	2	4	6

Note: Use of brass flanges for gland continuity reduces available number of entries.

†Top or bottom entries as standard – for other entries contact MEDC for further information.

Ordering Requirements

Please contact MEDC to discuss your requirements.



All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.